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the construction of maps on the Lambert projection. The Chart Division has done much work in the compilation of maps, furnishing copies of original sheets, and supplying information of various kinds required for military purposes.

SCIENTIFIC NOTES AND NEWS

THE University of California has conferred the degree of LL.D on Professor George F. Swain, of the Massachusetts Institute of Technology and Harvard University, who this year delivered the Hitchcock lectures at the University.

OXFORD UNIVERSITY has conferred the degree of D. Sc., on Professor W. C. M'Intosh, for many years professor of natural history in the University of St. Andrews.

THE Paris Academy of Sciences has elected M. Flahaut of Montpellier to take the place of the late M. Gosselet. He has been the correspondent of the academy for the section on botany since 1904.

SIR J. J. DOBBIE, British government chemist, has been elected a member of the Athenæum Club for eminence in science.

WE learn from *Nature* that an Entomological Society of Spain has lately been founded, with its center for the present at St. Saviour's College, Saragossa. Dr. Hermenegildo Gorriá, of Barcelona, is the president for 1918, and the Rev. R. P. Longinos Navás, S.J., the secretary.

THE Bureau of Standards has announced the appointment of Samuel S. Wyer, a consulting engineer of Columbus, Ohio, and Mr. Willard F. Hine, chief gas engineer of the Public Service Commission of the First District, New York State, as consulting engineers on its staff.

DR. SAMUEL A. TUCKER, of Columbia University, Dr. H. R. Moody, of the College of the City of New York, and J. M. Moorehead, of Chicago, have been added to the personnel of the chemical section of the War Industries Board.

DR. JOHN LYON RICH, of the department of geology at the University of Illinois, has been

commissioned a captain in the National Army. He is assigned to Washington, D. C., for service in the Intelligence branch of the army as a specialist in geography.

CAPTAIN R. G. HOSKINS, of Northwestern University Medical School, Captain L. A. Congden, Lieutenant F. A. Cajori and Lieutenant A. G. Hogan, have completed a month's study of army nutrition at Camp Zachary Taylor, Louisville, Ky. They comprise a "Nutritional Survey Party" from the office of the Surgeon General of the Army.

DR. W. A. CANNON, of the Department of Botanical Research of the Carnegie Institution, sailed in April to Australia and will be away from the United States about twelve months. He will visit certain of the more arid portions of West and South Australia where he will make field studies of the desert plants with especial reference to root habits.

WE learn from *The Journal of Industrial and Engineering Chemistry* that Dr. Yogoro Kato, professor at the Tokyo College of Technology and director of the Nakamura Chemical Research Institute in Tokyo, is visiting the United States for professional purposes and Mr. T. F. Chin, of Pekin, China, principal technical expert of the Chinese Ministry of War, is in this country with the Chinese mission to make purchases for the outfitting of an extensive chemical laboratory at Pekin for his government.

PROFESSOR T. L. HAECKER, of the University of Minnesota, who has been asked for several successive years to continue his experiments in animal nutrition, despite the fact that he has passed the usual age for retiring from service, will retire at the close of this college year, July 31, 1918, and provision will be made for completing the work upon which he is engaged and for tabulating the results.

DR. EUGENE R. KELLEY, Boston, has been appointed state commissioner of health to succeed Dr. Allan J. McLaughlin, who has been called back into the federal public health service.

DR. BUFORD JENNETTE JOHNSON, Ph.D. (Hopkins '16), has resigned her position as assist-

ant psychologist in the Laboratory of Social Hygiene, Bedford Hills, N. Y., and has accepted an appointment as research assistant in the Bureau of Educational Experiments, New York City.

DR. OLIVER W. H. MITCHELL has resigned as head of the city laboratories at Syracuse, N. Y., and is succeeded by Dr. Augustus J. Gigger, formerly bacteriologist for the Rhode Island State Department of Health.

THE firm of Waddell and Son, which has offices in Kansas City and New York City, has recently become incorporated. The new firm of Waddell and Son, Inc., includes, besides Dr. J. A. L. Waddell and N. Everett Waddell, their former assistant engineers, F. H. Frankland, Shortridge Hardesty, and L. C. Lashmet.

AT a recent meeting of the scientific staff of the Bureau of Biological Survey, U. S. Department of Agriculture, Dr. C. Hart Merriam, founder and former chief of the bureau, now consulting biologist, U. S. Department of Agriculture, and research associate on the Harriman Foundation, Smithsonian Institution, delivered an address on the "Origin and Early History of the Biological Survey."

PROFESSOR E. V. MCCOLLUM, of the Johns Hopkins University, on April 12 addressed the Chicago section of the American Chemical Society on "The Biological Analysis of Food."

A MEETING of the Botanical Society of Washington was held at the Cosmos Club, Washington, D. C. on April 2. The program was "The Grain Sorghums: The Botanical Grouping of Cultivated Varieties" (with lantern), by C. R. Ball; "The Shaw Aquatic Gardens" (with lantern), by F. V. Rand.

THE first "Silvanus Thompson Memorial Lecture," founded by the Röntgen Society, London, in memory of its first president, was delivered by Sir Ernest Rutherford on April 9.

THE annual meeting of the American Association of Museums will be held at Springfield, Mass., on May 20, 21 and 22.

THE Council of the Southern Society for Philosophy and Psychology has decided, on ac-

count of the general situation and of the number of members of the society who are engaged in various forms of national service, to abandon the annual meeting scheduled to be held at Peabody College, Nashville, this spring.

THE committee on botany of the National Research Council urges throughout the country to aid in securing data in reference to important crop diseases. In connection with what may be called the "barberry campaign," the following information is desired from as many regions as possible: (1) prevalence of barberry, (2) amount of infected barberry, (3) the neighboring grass flora, (4) amount of back rust on these grasses, (5) proximity of infected barberry and grasses to grain fields, (6) relative susceptibility of the different varieties of barberry (including *Mahonia*). Such information should be reported to Professor E. C. Stakman, University Farm, St. Paul, Minn., who will organize and distribute the data.

UNIVERSITY AND EDUCATIONAL NEWS

SEVERAL gifts and bequests were announced at the recent meeting of the corporation of Yale University. Mrs. James Wesley Cooper, of Hartford, has given \$5,000 for the establishment of a publication fund in memory of her husband, who graduated from the college in 1865, and who was a member of the corporation for over thirty years. The widow of the late William A. Read, of New York, has made a memorial gift of \$5,000 to assist the work of the Yale University Press. Two bequests have been received, one of \$10,000 from the late Samuel J. Elder, '73, for the college, and one of \$5,000 from the widow of Amory E. Rowland, '73 S., for the benefit of the Sheffield Scientific School.

It is stated in *Nature* that an anonymous donor has given Oxford University £500 towards the fund for the endowment of the professorship of forestry, and that the University of Liverpool has recently received a gift of £2,000 from Mrs. and Miss Holt as a